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**INFORMATION DISCLOSURE
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Application Number	10611455
Filing Date	June 30, 2003
First Named Inventor	GRAY, JAMES
Art Unit	2623
Examiner Name	Ingvoldstad, Bennett

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Attorney Docket No: 36968-332546

US PATENT DOCUMENTS

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1.	20010054134 A1		Dec 20, 2001	FRISHAUF et al.	
2.	20020069132 A1		Jun 6, 2002	Perkes et al.	
3.	20020156870 A1		Oct 24, 2002	Boroumand et al.	
4.	20030204847		Oct 30, 2003	Ellis et al.	
5.	20040003402 A1		Jan 1, 2004	McKenna	
6.	20040168188		Aug 26, 2004	Bennington et al.	
7.	20040235567 A1		Nov 25, 2004	Chatani	
8.	20040261127		Dec 23, 2004	Freeman et al.	
9.	20050086688 A1		Apr 21, 2005	Omoigui	
10.	20050114906		May 26, 2005	Hoarty et al.	
11.	20050196139		Aug 8, 2005	Blackketter et al.	
12.	20050204030 A1		Sep 15, 2005	Koch et al.	
13.	20060075430 A1		Apr 6, 2006	Park	
14.	20060190966		Aug 24, 2006	McKissick et al.	
15.	20070107035 A1		May 10, 2007	Howe et al.	
16.	20070124763 A1		May 31, 2007	Ellis	
17.	20070136773 A1		Jun 14, 2007	O'Neil et al.	
18.	20070155506 A1		Jul 5, 2007	Malik	
19.	20070168884 A1		Jul 19, 2007	Weeks et al.	

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20.	20070186269	A1	Aug 9, 2007	Malik	
21.	20070208766	A1	Sep 6, 2007	Malik	
22.	3798610		Mar 19, 1974	Bliss et al.	
23.	3886302		May 27, 1975	Kosco	
24.	4130833		Dec 19, 1978	Chomet	
25.	4258386		Mar 24, 1981	Cheung	
26.	4264925		Apr 28, 1981	Freeman et al.	
27.	4361851		Nov 30, 1982	Asip et al.	
28.	4488179		Dec 11, 1984	Kruger et al.	
29.	4566030		Jan 21, 1986	Nickerson et al.	
30.	4567591		Jan 28, 1986	Gray et al.	
31.	4573072		Feb 25, 1986	Freeman	
32.	4598288		Jul 1, 1986	Yarbrough et al.	
33.	4688248		Aug 18, 1987	Tomizawa	
34.	4689661		Aug 25, 1987	Barbieri et al.	
35.	4698670		Oct 6, 1987	Matty	
36.	4720873		Jan 19, 1988	Goodman et al.	
37.	4816904		Mar 28, 1989	McKenna et al.	
38.	4862268		Aug 29, 1989	Campbell et al.	
39.	4890322		Dec 26, 1989	Russell, Jr	
40.	4912552		Mar 27, 1990	Allison, III et al.	
41.	5010585		Apr 23, 1991	Garcia	
42.	5010858		Apr 30, 1991	Schierling et al.	
43.	5038211		Aug 6, 1991	Hallenbeck	
44.	5046090		Sep 3, 1991	Walker et al.	
45.	5046092		Sep 3, 1991	Walker et al.	
46.	5055924		Oct 8, 1991	Skutta	
47.	5161019		Nov 3, 1992	Emanuel	
48.	5173900		Dec 22, 1992	Miller et al.	
49.	5191645		Mar 2, 1993	Carlucci et al.	
50.	5208665		May 4, 1993	McCalley et al.	

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51.	5247347		Sep 21, 1993	Littoral et al.	
52.	5249044		Sep 28, 1993	Von Kohorn	
53.	5260778		Nov 9, 1993	Kauffman et al.	
54.	5262860		Nov 16, 1993	Fitzpatrick et al.	
55.	5287181		Feb 15, 1994	Holman	
56.	5335277		Aug 2, 1994	Harvey et al.	
57.	5339315		Aug 16, 1994	Maeda et al.	
58.	5343240		Aug 30, 1994	Yu	
59.	5357276		Oct 18, 1994	Banker et al.	
60.	5374951		Dec 20, 1994	Welsh	
61.	5390027		Feb 14, 1995	Henmi et al.	
62.	5404393		Apr 4, 1995	Remillard	
63.	5444499		Aug 22, 1995	Saitoh	
64.	5446490		Aug 29, 1995	Blahut et al.	
65.	5481542		Jan 2, 1996	Logston et al.	
66.	5483277		Jan 9, 1996	Granger	
67.	5502499		Mar 26, 1996	Birch et al.	
68.	5539822		Jul 23, 1996	Lett	
69.	5557320		Sep 17, 1996	Krebs	
70.	5557338		Sep 17, 1996	Maze et al.	
71.	5585838		Dec 17, 1996	Lawler et al.	
72.	5608448		Mar 4, 1997	Smoral et al.	
73.	5629733		May 13, 1997	Youman et al.	
74.	5640192		Jun 17, 1997	Garfinkle	
75.	5648824		Jul 15, 1997	Dunn et al.	
76.	5661517		Aug 26, 1997	Budow et al.	
77.	5721829		Feb 24, 1998	Dunn et al.	
78.	5779549		Jul 14, 1998	Walker	
79.	5781246		Jul 14, 1998	Alten et al.	
80.	5787683		Jul 1, 1998	Sistanizadeh et al.	
81.	5805154		Sep 8, 1998	Brown	
82.	5818438		Oct 6, 1998	Howe et al.	
83.	5822123		Oct 13, 1998	Davis et al.	

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US PATENT DOCUMENTS

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
84.	5828420		Oct 27, 2008	Marshall et al.	
85.	5847771		Dec 8, 1998	Cloutier et al.	
86.	5585858		Dec 17, 1996	Harper et al.	
87.	5867205		Feb 2, 1999	Harrison	
88.	5880768		Mar 9, 1999	Lemmons et al.	
89.	5880769		Mar 9, 1999	Nemirofsky	
90.	5892508		Apr 6, 1999	Howe et al.	
91.	5931908		Aug 3, 1999	Gerba et al.	
92.	6005561		Dec 21, 1999	Hawkins et al.	
93.	6012983		Jan 11, 2000	Walker et al.	
94.	6100883		Aug 8, 2000	Hoarty	
95.	6108042		Aug 22, 2000	Adams et al.	
96.	6113495		Sep 5, 2000	Walker et al.	
97.	6157413		Dec 5, 2000	Hanafee et al.	
98.	6244957		Jun 12, 2001	Walker et al.	
99.	6256785		Jul 3, 2001	Klappert et al.	
100.	6324544		Nov 27, 2001	Alam, S. et al.	
101.	6419137		Jul 16, 2002	Marshall et al.	
102.	6463207		Oct 8, 2002	Abecassis	
103.	6468155		Oct 22, 2008	Zucker et al.	
104.	6502242		Dec 31, 2002	Howe et al.	
105.	6567982		May 20, 2003	Howe et al.	
106.	6634942		Oct 23, 2003	Walker et al.	
107.	6676522		Jan 13, 2004	Rowe et al.	
108.	6800029		Oct 5, 2004	Rowe et al.	
109.	6826775		Nov 30, 2004	Howe et al.	
110.	6967566		Nov 22, 2005	Weston et al.	
111.	7237253		Jun 26, 2007	Blackketter et al.	
112.	7266835		Sep 4, 2007	Halbert	

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				Relevant Passages or Relevant Figures Appear	
	113.	WO-9414284	Jun 23, 1994	Hendricks et al.	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

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114.		"Building a Switched Broadcast Network", Access Intelligence LLC	11/15/2005
115.		"Building Dynamic Content for Set-Top Boxes.", Sun Microsystems	1994-2005
116.		"Building the Perfect on Demand Beast: Television on Demand Presents a Dizzying Array of Technology Options.", Reed Business Information	11/03/2003
117.		"Chips: Motorola's Scorpion chip turns TV into interactive information appliance.", Work Group Computing Report	08/11/1997
118.		"Columbia Tri-Star Television Distribution and Microsoft Sponsor Development Competition for Interactive Television.", Microsoft Press Pass	01/25/2000
119.		"EnReach Technology, Inc. Demonstrates Next Generation of Interactive Television with Innovative Open PVR Solution.", EnReach Technology, Inc. PR Newswire Sept. 12, 1996-2006	
120.		"Enter Video-On-Demand.", Electronic news	08/31/1998
121.		"Liberate Technologies Completes Assessment Aboard Scientific -Atlanta Explorer Set Tops and Digital Interactive Network.", Liberate Technologies Press	05/02/2002
122.		"Next-Generation Digital Video Network: Intelligent IP Infrastructure Solutions for Cable Operators Offering VoD Services.", Reed Business Information	02/2004
123.		"PBS Debuts Another First in Interactive Television; Wavexpress Selected to Provide Digital Broadcasting Platform.", Market Wire	02/28/2001
124.		"PENTV: BBC Achieves Significant Interactive TV Audiences With OpenTV.",	
125.		"Set-Top Survival.", Electronics Weekly	05/22/2002
126.		"Successfully Marketing Television on Demand: Operators, Programmers Look to Drive VOD Usage Through Promotions, Improved Navigation.", Reed Business Information ISSN: 00072028 11/22/2004	
127.		"Time Warner Introduces World's First Full Service Network in Orlando, Network offers First Digital Interactive Service including Movies on Demand, Home Shopping and Interactive Games", Business Wire	12/14/1994 , 1-3
128.		"Video on the Move.", Reed Business Information	08/14/2000

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	129.	"Worldgate Set to Deliver 'GO! TV Links' for Dynamic Interactive TV.", <u>Advanstar Communications, Inc.</u> , 10/22/2002	
	130.	" http://www.nintendo.com/consumer/downloads/wave_english.pdf ",	
	131.	BERKOWITZ, BEN "Developers Interacting With Sony Set-Top Box", <u>Cable Worlds</u> 05/21/2001	
	132.	BISSELL, R.A. et al., "The Set-Top Boxes for Interactive Services.", <u>BT Technology J. Vol 13 No. 4 10/1995</u> , 66-77	
	133.	CAREY, JOHN "Content and Service for the New Digital TV Environment",	
	134.	CAULEY, LESLIE "Microsoft, Baby Bell Form Video Alliance", <u>The Wall Street Journal</u> 09/26/1994	
	135.	CHORIANOPOULOS, KONSTANTINOS "The Digital Set-Top Box as a Virtual Channel Provider.", <u>Dept. of Management Science and Technology, Athens University of Economics & Business</u> 04/2003	
	136.	DRANSFELD, HENNING et al., "Interactive TV and Formula One a Strategic Issue for Engine Suppliers", <u>European Business Review</u> 1999	
	137.	DROITCOURT, J.L. "Understanding How Interactive Television Set Top Box Works... And What It Will Mean To The Customer.", <u>International Broadcasting Convention</u> Sep. 14-18, 1995	
	138.	ELMER-DEWITT, PHILLIP "Play...Fast Forward...Rewind...Pause U.S. Firms Want to Wire America for Two-Way TV, but their Systems Are Not Ready for Prime Time.", <u>Time Archive</u> 05/23/1994 , 1-4	
	139.	ELMER-DEWITT, PHILLIP "Ready For Prime Tim", <u>Time Archive</u> 12/26/1995 , 1-4	
	140.	GRANT, PETER "On-Demand TV Expands via Underused Fiber Highways.", <u>Wall Street Journal</u> 12/17/2004	
	141.	GREENWALD, JOHN "Battle for Remote Control.", <u>Time Archive</u> 03/01/1995	
	142.	HODGE, WINSTON "Architecture to Deliver Video on Demand.", <u>Electronic Business Buyer</u> 11/1994	
	143.	JAIN, SANJAY K. et al., "Video on Demand: An Overview.", <u>A Central University</u> February 2003	
	144.	KEOUGH, CHRISTOPHER "Interactive TV Connection-Technology-Gold Pocket Interactive Acquires Mixed Signals Technologies.", <u>Los Angeles Business Journal</u> 03/04/2002	

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	145.	LEBAN, M. et al., "Internet Search for TV Content Based on TV Anytime.", September 22-24, 2003	
	146.	LIN, et al., "The Influence of Network Branding on Audience Affinity for Network Television.", Advertising Research Foundation 02/2004	
	147.	LOIZIDES, "Interactive TV: Dispelling Misconceptions in the Media.", Acm Computers in Entertainment, Vol. 3, No. 1, Article 7a, 01/2005	
	148.	ERMIGAS, DIANE "NBC Taking TV's Future by the Reins With On-Demand Content, Delivery.", Television Week 09/15/2003	
	149.	SHORT, DAVID "A Quick Guide to Interactive Television.", Broadcasting Engineering 02/2005	
	150.	SRIVASTAVA, H.O. et al., "On-Line Broadcast Archives for Interactive Video.", 1997	
	151.	VERHOEVEN, JAN L. et al., "System Architecture for Experimental Interactive Television.", LogicaCMG Nederland B.V.	
	152.	WATERMAN, DAVID "Internet TV: Business Models and Program Content", Dept. of Telecommunications Radio and TV Center, 09/2001	
	153.	ZOLLMAN, PETER M. "Interactive Television", www.rtna.org/resources/intnews/srtv.htm , 1-9.	

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